

DECLASSIFIED UPON REMOVAL OF ENCLOSURES

RECEIVED

OCT 21 1985

GROUP 220

NATIONAL SECURITY INFORMATION  
UNAUTHORIZED DISCLOSURE SUBJECT  
TO CRIMINAL SANCTION

LICENSING & REVIEW

BY HAND

11/2  
p/4/4  
p/4/4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: U.S. Pat. Appln. of DAVID W. JOYNSON, et al.

S.N.: 457,406

Group Art Unit: 222

Filed: November 30, 1982 Examiner: J. SOTOMAYOR

For: RADAR TRACKING SYSTEM

New York, New York  
October 21, 1985

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

AMENDMENT

Sir:

Responsive to the Office Action dated April 19, 1985,  
kindly amend the above-entitled application as follows:

Cancel claim 1 and, in lieu thereof, substitute the  
following claims:

--1. (amended) A monopulse radar tracking system,  
including [either or both]

(A) at least one of a [doppler] Doppler  
tracking loop and an angle tracking loop[,];

(B) means for deriving from a target  
echo an intermediate frequency (I.F.) signal[,];

(C) means for estimating an I.F. target  
signal frequency periodically[,];

(D) digital filter means providing a  
frequency analysis of signals in the I.F. band[,];

BRITISH

SECRET

BEST AVAILABLE COPY

a1

34

A